

0036-PA

**RECYCLE OF NITROXYL-CONTAINING STREAMS AT LOW
TEMPERATURE**

ABSTRACT OF THE DISCLOSURE

5 An improved process for the production and purification of unsaturated monomers employing nitroxyl-containing inhibitors wherein process streams containing the inhibitor are recycled is disclosed, wherein the improvement comprises recycling said streams at a reboiler temperature no higher than about 110° C.